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Docket No.: M0656.70088US01
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alice Y. Ting
Serial No.: 10/754,911
Confirmation No.: 8718
Filed: January 9, 2004
For: METHODS AND COMPOSITIONS FOR PEPTIDE AND PROTEIN
LABELING
Examiner: T. D. Wessendorf
Art Unit: 1639

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 5, 2005


Nicole Millette Hawes

TRANSMITTAL LETTER

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

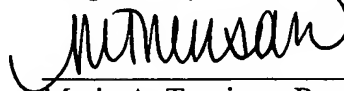
Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Response to Restriction Requirement.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 23/2825, under Order No. M0656.70088US01. A duplicate copy of this paper is enclosed.

Dated: July 5, 2005

Respectfully submitted,



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(617) 646-8000



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RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Restriction Requirement mailed from the United States Patent and Trademark Office on June 2, 2005, Applicant hereby requests entry of the following election.

Election

Applicant hereby elects Group 1 (claims 1-56), drawn to a method for labeling a target protein.

Applicant further makes the following species elections:

- (i) a biotin analog that is an azide biotin analog (shown in FIG. 1B as "azide");
- (ii) a cell that is a eukaryotic cell that is a mammalian cell;
- (iii) an acceptor peptide that has an amino acid sequence of SEQ ID NO:5; and
- (iv) a biotin ligase mutant that has an amino acid sequence of SEQ ID NO:18.